

SECRET

20 JUL 1971

MEMORANDUM FOR: [REDACTED]

25X1A

SUBJECT : Remote Control of Vehicle-Mounted, Defogger
Insecticide Unit

1. Attached is an employee suggestion for operating a vehicle-mounted, defogging insecticide unit from the cab without the need for a second man and/or stopping the vehicle to start and stop the unit.

2. It should be noted from the information furnished that the remote control system advocated can be made up from materials that are readily available.

3. Your comments on this suggestion as to its applicability and use at your location would be appreciated.

25X1A

[REDACTED]

Chief

Real Estate and Construction Division

Att

UL 1 3901

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

DISPATCH

CLASSIFICATION

S E C R E T

MARKED FOR INDEXING

TO

Chief, Real Estate & Construction Division, OL

NO INDEXING REQUIRED

INFO.

ONLY QUALIFIED DESK
CAN JUDGE INDEXING

FROM

Acting Chief of Station, 25X1A

MICROFILM

SUBJECT

25X1A Remote Control of Vehicle-Mounted Defogger Insecticide Unit

ACTION REQUIRED - REFERENCES

REFERENCE: 25X1A of 29 July 1971

1. Reference requested comments regarding potential usefulness at this installation. The following comments apply:

a. Suggested control system can be installed at an estimated cost of \$50.00.

b. Control from truck cab would allow the operator to shut off or start unit when desired, thus avoiding exposure of persons on street or residue on vehicles and shrubs.

c. Savings in insecticide and labor would not be appreciable due to the fact that we now use only one operator and the areas treated are generally compact housing or office areas. Fogging is done from the streets and we rely upon wind currents to carry the insecticide through the areas.

2. Because the suggestion will result in a more effective and improved system at a minimal cost, 25X1A intends to adopt it for use.

C

2 DC

EX

SA

C/REB

RO

C/FEGB

PE

C/HEB

PE

FILE

25X1A

Distribution:

Original and 1 - Chief, Real Estate & Construction Div, OL

AUG 1971
Excluded from automatic
downgrading and
declassification

CROSS REFERENCE TO

25X1A

DISPATCH SYMBOL AND NUMBER

DATE

17 August 1971

S E C R E T

HQS FILE NUMBER

DISPATCH**SECRET**

TO	25X1A Chief of Station, [REDACTED]	MARKED FOR INDEXING
INFO.		NO INDEXING REQUIRED
FROM	Chief, Real Estate and Construction Division, OL	ONLY QUALIFIED DESK CAN JUDGE INDEXING
SUBJECT	25X1A Remote Control of Vehicle-Mounted Defogger Insecticide Unit	MICROFILM

ACTION REQUIRED - REFERENCES

REF: Employee Suggestion 71-221

1. Enclosed is an employee suggestion for operating a vehicle-mounted, defogging insecticide unit from the cab without the need for a second man and/or stopping the vehicle to start and stop the unit.

2. It should be noted from the information furnished that the remote control system advocated can be made up from materials that are readily available.

3. Your comments on this suggestion as to its applicability and use at your location would be appreciated.

25X1A
[REDACTED]

Enc

Distribution:

2 - COS, [REDACTED] w/enc

25X1A

26 JUL 1971

RECORDED
INDEXED
29 JUL 1971

CROSS REFERENCE TO	DISPATCH SYMBOL AND NUMBER 25X1A [REDACTED]	DATE 29 JUL 1971
	SECRET	HQS FILE NUMBER
1 - OL Registry, w/o enc 1 - OL/RECD Files, w/enc 1 - OL/RECD Chrono, w/o 1 - FE/LOG, w/o 1 - OL Reader, w/o	OFFICE OL/RECD	OFFICER 25X1A jah (20 July 71) TYPIST jah EXT. 3017 COORDINATING
	OFFICE SYMBOL	DATE
	FE/LOG	23 JUL 1971
		25X1A [REDACTED]
OFFICE SYMBOL	DATE	OFFICER'S NAME
OL/RECD	23 JUL 1971	25X1A [REDACTED]

DISPATCH

MEMORANDUM
OF CALL

TO:

Florence

☐ YOU WERE CALLED BY—

☐ YOU WERE VISITED BY—

OF (Organization)

☐ PLEASE CALL



PHONE NO.
CODE/EXT.

☐ WILL CALL AGAIN

☐ IS WAITING TO SEE YOU

☐ RETURNED YOUR CALL

☐ WISHES AN APPOINTMENT

MESSAGE

*Here are two copies
of Employee Sug. to
place in your file
w/ dispatch to COS,*

25X1A

*on Logging Unit. The
other 2 dispatches will*

RECEIVED BY

DATE

TIME

not be sent Joyce

STANDARD FORM 63
REVISED AUGUST 1967
GSA FPMR (41 CFR) 101-11.6

* GPO: 1968 O-366-527

63-108

26 April 1971

MEMORANDUM FOR: Executive Secretary, Suggestion Awards Committee

SUBJECT : Your Suggestion No. 71-221
Our Suggestion No. 105

REFERENCE : Your memo dtd 29 Dec 70

1. The following additional information is submitted as requested:

a. Photographs, a sketch, and a parts list are attached. As the system is electrical, no mechanical linkages or devices are required.

b. The savings in manhours would be one man, 1/2 day, for approximately 80 days when comparing this single-man operation with the two men required. There is practically no way to accurately estimate the chemicals saved as the amount of fogging depends upon the mosquito population density as determined by their count in mosquito traps. Also, the number of people encountered has a bearing on the starting and stopping of the fogger and this is completely unpredictable. A guess at the chemicals saved should range from 5 to 15 percent or \$100-\$300.

c. As described in paragraph b. above. One man for 80 days at 4 hours per day equals 320 manhours. This individual would be graded a W-6 and paid \$3.32 per hour.

25X1C

2. [REDACTED] has evaluated this suggestion and submitted a report, a copy of which is attached. Though not mentioned in the report, this suggestion was presented to the biennial meeting of all of the pest control supervisors and technicians of this [REDACTED] and the report reflects that group's favorable opinions and comments.

25X1C

25X1A

[REDACTED]
Chairman
Suggestion Awards Committee
[REDACTED]

25X1A

Atts - 3 Photos (2 ea.)

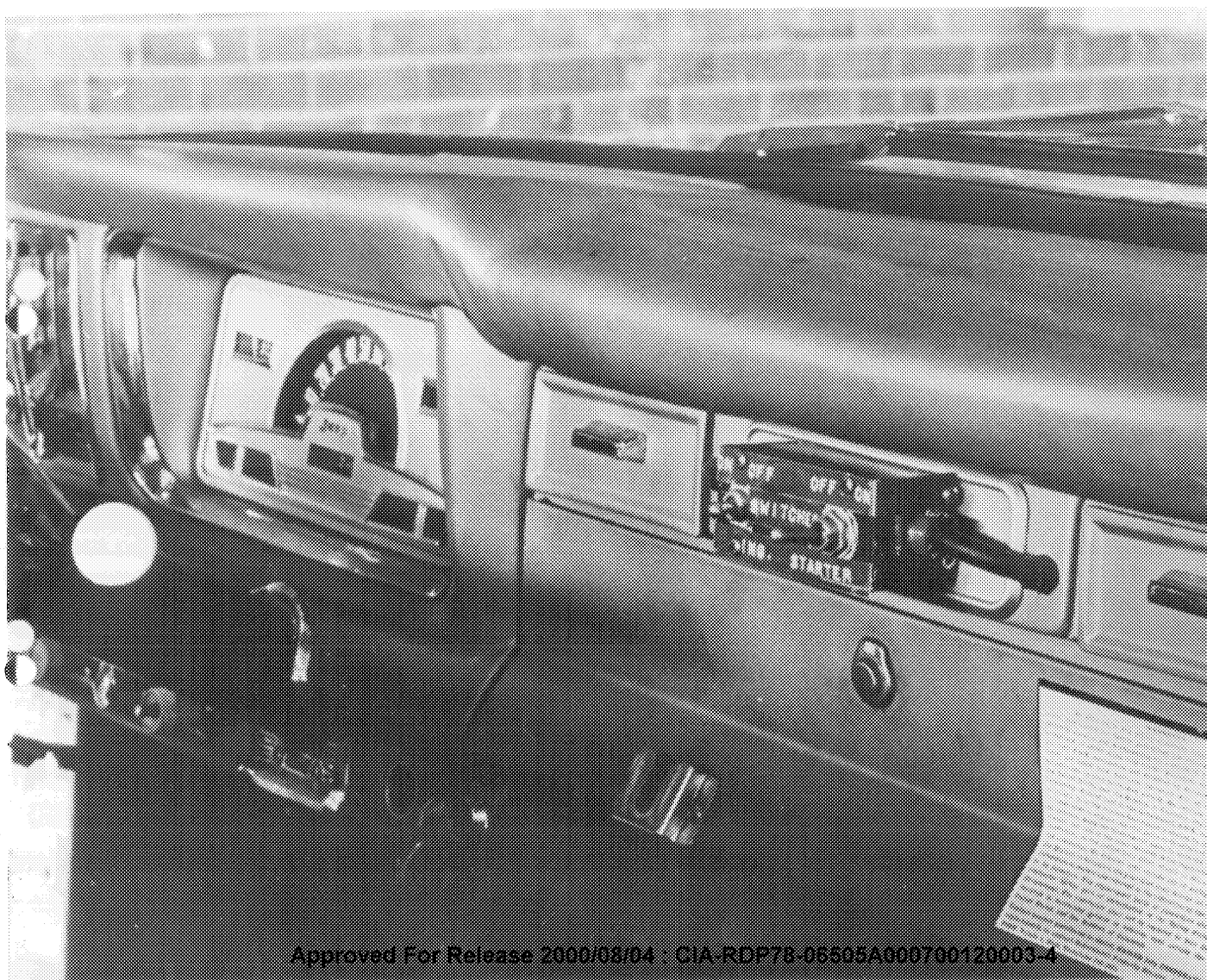
Sketch (2 cys)

Parts List (2 cys)

25X1C

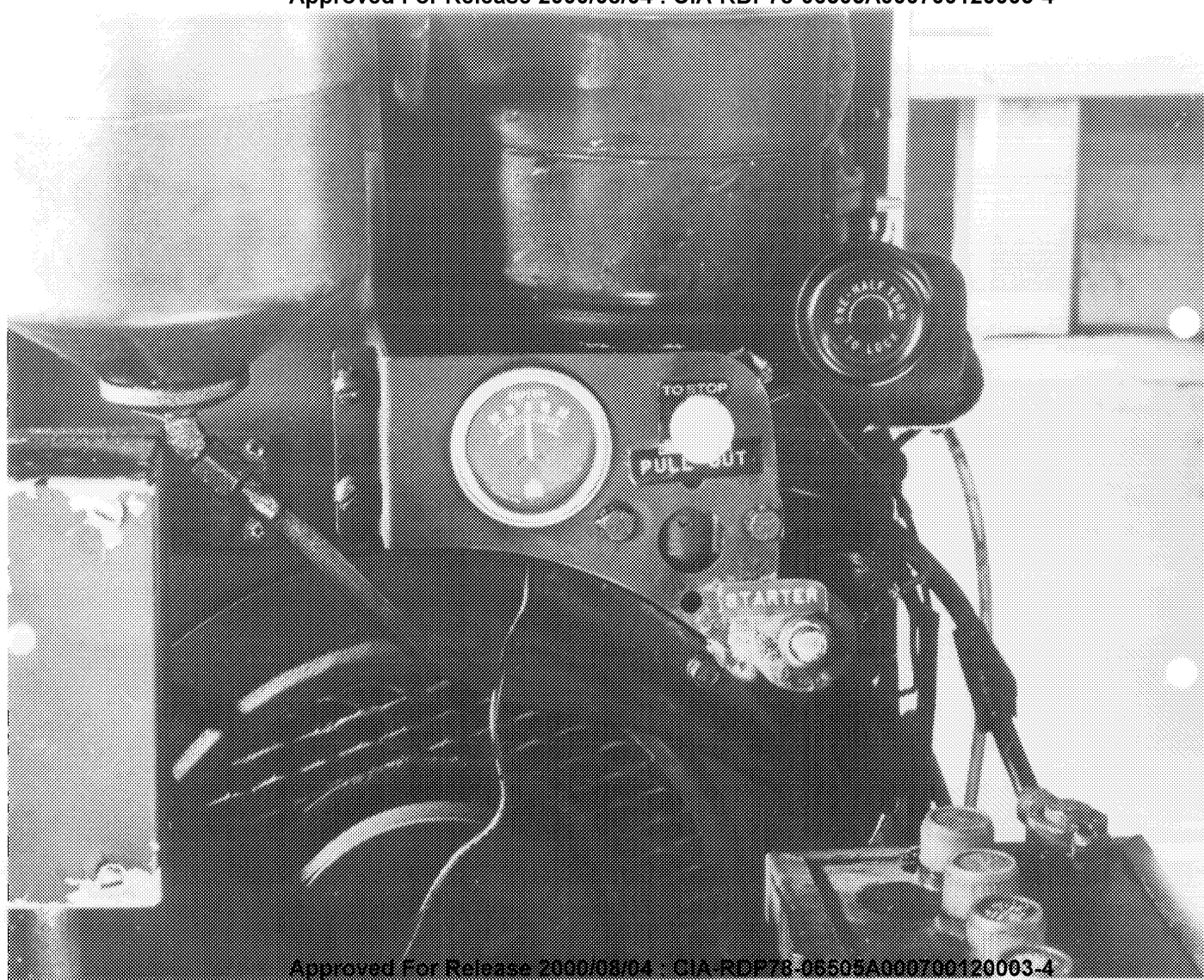
[REDACTED] ltr dtd 10 Mar 71 (2 cys)

Approved For Release 2000/08/04 : CIA-RDP78-06505A000700120003-4



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b. The savings in manhours would be one man, 1/2 day, for approximately 80 days when comparing this single-man operation with the two men required. There is practically no way to accurately estimate the chemicals saved as the amount of fogging depends upon the mosquito population density as determined by their count in mosquito traps. Also, the number of people encountered has a bearing on the starting and stopping of the fogger and this is completely unpredictable. A guess at the chemicals saved should range from 5 to 15 percent or \$100-\$300.

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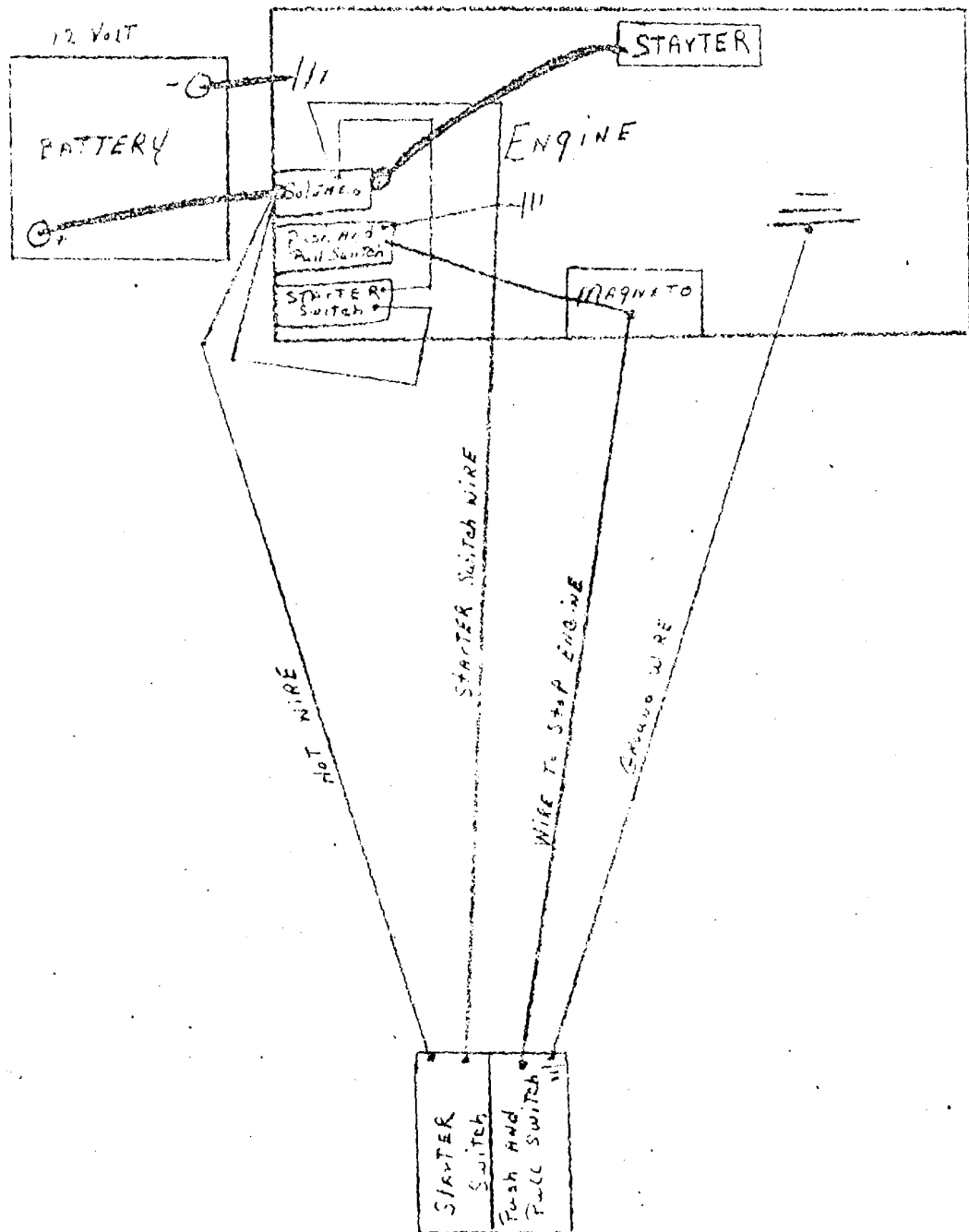
2. **25X1C** has evaluated this suggestion and submitted a report, a copy of which is attached. Though not mentioned in the report, this suggestion was presented to the biennial meeting of all of the pest control supervisors and technicians of this **25X1C** and the report reflects that group's favorable opinions and comments. **25X1C**

Atts - 3 Photos (2 ea.)

Sketch (2 cys)

Parts List (2 cys)

25X1C **25X1C** ltr dtd 10 Mar 71 (2 cys)



WIRING DIAGRAM

Subj: Employee Suggestion, Remote Control, Insect Fogger

OPERATIONAL PROCEDURE

The Fogger Remote Control operates as follows:

Both ignition switches have to be in the ON position to operate the engine. After starting the fogger engine, using the ~~sw~~ starter switch on the engine, the operating controls are adjusted to achieve the proper fog. The operator can now stop and restart the fogging engine from the truck driver position by turning the ignition switch to the OFF position to STOP, and to the ON position, followed by activating the starter switch, to START the engine again.

* * * *

Parts List

- 1 - Starter Solenoid (12 volts)
- 2 - Starter Switches (Push Type)
- 2 - Push and Pull Switches (for Ignition)
- 40 ft. #14 Wire

19 Feb 1971

25X1C

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Next 1 Page(s) In Document Exempt

Approved For Release 2000/08/04 : CIA-RDP78-06505A000700120003-4

TITLE OR SUBJECT OF SUGGESTION		CLASSIFICATION	SUGGESTION NO.
Modification of Fogger			71-221 105
PRESENT METHOD			
<p>Insecticide sprayer is located in truck bed. All mechanical equipment is controlled from rear of vehicle at sprayer. For safety purposes both a vehicle driver and sprayer operator must be employed for any fogging operation. An immediate control system must be in effect at all times since this is a germicide operation.</p>			
I SUGGEST			
<p>That the mechanical control system designed by me be connected to sprayer; from cab of vehicle. Demonstrate upon request.</p> <p>This mechanical control system would consist of cables to starter, choke control, air pressure valve.</p>			
ADVANTAGES			
<p>Safety advantage cannot be stressed enough. In event of an ^{emergency} emergency, the fogging operation would be cut off - we are now obliged to stop vehicle. <i>Set out of cab go to back of truck and cut off fogger.</i></p>			
FORM 244 4-64	USE PREVIOUS EDITIONS	CLASSIFICATION	(47)
		PART 2 -	CIRCULATING COPY

EVALUATION OF EMPLOYEE SUGGESTION (Submit in duplicate)		Suggestion No. 10571-22
TO: Executive Secretary Suggestion Awards Committee	FROM: 25X1A PEST CONTROL SH. P	
INSTRUCTIONS		
In order to guide the Suggestion Awards Committee in making final determination, your explicit comments are necessary. "Action Recommended" should be completed. If tangible benefits are involved, an analysis of the anticipated first year's savings should be shown. If intangible benefits are derived, please indicate the extent of benefit and degree of application as defined in the <u>guide on the reverse side</u> .		
ACTION RECOMMENDED		
<input checked="" type="checkbox"/> Adopt for use (Date adopted or to be adopted) 11 June 1970	Further study required (Expected date of completion)	
<input type="checkbox"/> Already in effect but this suggestion makes added contribution.	Refer suggestion to (Component)	
<input type="checkbox"/> Disapproved for adoption.	<input checked="" type="checkbox"/> Action taken as a direct result of this suggestion (Specify below)	
<input type="checkbox"/> Already in effect and no part of this suggestion makes added contribution.	Other (Specify below)	
<input type="checkbox"/> Although not adopted, stimulates an improvement (Specify below)		
REASON FOR RECOMMENDATION		
<p>The benefits derived from adopting this suggestion are two-fold: (1) Safety and (2) Economy. With the procedure adopted by this suggestion the fogging machine can be operated safely by one man thus eliminating the two-man operation (fogger and driver).</p>		
<p>The manufacturer does not provide a remote control for the fogger now being used. Therefore, [REDACTED] has devised a method by which the fogger can be controlled from the driver's position. Heretofore, if the truck stalled, stopped for traffic or for any other reason, the sprayer would continue running thus causing possible damage, heavy spray concentration in one particular area or discomfort to those in the immediate area.</p>		
<p>[REDACTED], has already asked for specifications for installing this remote control on their fogging machines so that it can be used at other shore installations in this area.</p>		
Continued on separate sheet.		
DATE Oct. 23, 1970	SIGNATURE OF EVALUATION OFFICIAL (Type name and title) [REDACTED] 25X1A	

Intangibles may also be considered when tangible savings are present. Because of the nature of intangible benefits, no guide can be so conclusive as to make the determination of appropriate awards an automatic and simple process. Your recommendation must still be arrived at by the application of your informed judgment, which should consider all influencing factors.

DEGREE OF BENEFIT	EXTENT OF APPLICATION				
	LIMITED	LOCAL	EXTENDED	BROAD	GENERAL
SLIGHT	\$ 10-25	\$ 25-50	\$ 50-75	\$ 75-150	\$ 150-250
MODERATE	50-100	100-150	150-200	200-300	300-400
HIGH X	150-250	250-350	350-450	450-600	600-750
EXCEPTIONAL	300-500	500-700	700-1000	1000-1500	1500-25000

DEGREE OF BENEFIT	
SLIGHT	Minor modification of an operating principle or procedure, limited potential value.
MODERATE	Considerable modification of an operating principle or procedure, higher potential value.
HIGH X	Complete revision of a basic principle or procedure, very high potential value.
EXCEPTIONAL	Initiation of a new principle or major procedure, such a contribution which substantially advances an important activity of the Department or makes a significant contribution to scientific knowledge.

EXTENT OF APPLICATION	
LIMITED	Affects the immediate work area or immediate associates. (1 to 25 employees)
LOCAL	Affects more than the immediate work area or associates but is within an installation or facility, or is in the public interest only in the locality. (26 to 1000 employees - a Branch or a Division)
EXTENDED X	Applicable to several installations or facilities, or is in the public interest in several localities or in a region. (1000 to 4000 employees - or a major organization element)
BROAD	Applicable to many installations or facilities, or is in the public interest in several regions. May be applicable to all of a small independent Department or to an entire large Bureau. (4000 or more employees - two or more major organization elements)
GENERAL	Applicable throughout several large Bureaus or independent or large department or several departments, or is in the public interest throughout the nation or beyond.

Supervisors are the key to the success of the suggestion program. We need your wholehearted cooperation in giving suggestions a prompt, complete and fair-minded evaluation. Good evaluations mean more and better suggestions, which in turn mean more savings--in money, in time, in increased efficiency of operation.

EVALUATION OF EMPLOYEE SUGGESTION

SUGGESTION NO. 105

25X1A

[REDACTED] Suggester

71-221

REASON FOR RECOMMENDATION: (Continued)

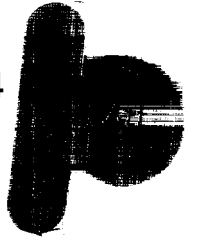
We have already found the device to be a great improvement over the old method in the short time it has been used. The monetary savings are limited to the amount of chemicals used and the conversion to one man instead of a two-man operation. However, the intangibles in the form of efficiency of operation, the savings in time and trouble for the driver and the fact that one man can operate the truck and fogger with complete safety, plus the good will created by being able to stop fogging at opportune times, all contribute to a vast improvement over the old method. Also, the fact that four or five other installations plan to install the mechanism would seem to indicate the value of this suggestion.

25X1A

[REDACTED] is a heavy equipment mechanic, Transportation Section, Public Works Branch. This idea is outside the realm of [REDACTED] duties and responsibilities and therefore would appear to be completely within the scope and spirit of the Suggestions Awards Program.

25X1A

25X1A
[REDACTED]



DISPATCH

CLASSIFICATION

SECRET

PROCESSING ACTION

TO	25X1A Chief of Station, [REDACTED]	MARKED FOR INDEXING
INFO.		NO INDEXING REQUIRED
FROM	Chief, Real Estate and Construction Division, OL	ONLY QUALIFIED DESK CAN JUDGE INDEXING
SUBJECT	[REDACTED] Remote Control of Vehicle-Mounted Defogger Insecticide Unit	
ACTION REQUIRED - REFERENCES		

REF: Employee Suggestion 71-221

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25X1A
[REDACTED]**Enc****Distribution:**

2 - COS [REDACTED] w/enc

25X1A

CROSS REFERENCE TO	DISPATCH SYMBOL AND NUMBER 25X1A [REDACTED]	DATE 26 JUL 1971 REGISTRY AUG 1971
	CLASSIFICATION SECRET	HQS FILE NUMBER
Approved For Release 2000/08/04 : CIA-RDP78-06505A000700120003-4 1 - OL Registry, w/o enc 1 - OL/RECD Files, w/enc		ORIGINATING jah (20 July 71) COORDINATING EXT. 3017